

# Federal Technology Transfer

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***"The first step in winning the future is encouraging American innovation. None of us can predict with certainty what the next big industry will be or where the new jobs will come from. Thirty years ago, we couldn't know that something called the Internet would lead to an economic revolution. What we can do -- what America does better than anyone else -- is spark the creativity and imagination of our people."***

***-President Barack Obama, January 25, 2011***

# **Innovation and Entrepreneurship Working Group**

- **White House Innovation and Information Policy Working Group – co-chaired by NEC and OSTP**
- **Evolved to Innovation and Entrepreneurship Working Group**
- **Co-Chaired by Ginger Lew, NEC, and Aneesh Chopra**
- **Four subcommittees**
  - **SBIR**
  - **Proof of Concept**
  - **Access to Capital**
  - **Federal Lab Commercialization**

# Transfer Technology from Federal Labs

- Over \$100 billion dollars in Federal Research and Development
- Technical publications
- Hosting/Collaborating with Guest Researchers/Post Docs/Fellowships
- Informal collaborations with academic/industry/government agency colleagues
- Public Domain software
- Participation on Standards Committees
- Formal Collaborations (e.g., Cooperative Research and Development Agreements, Facility Use Agreements, Material Transfer Agreements)
- Small Business Innovation Research
- Patenting/Licensing

# Technology Transfer Legislation

## **Stevenson-Wydler Technology Innovation Act of 1980 (P.L. 96-480)**

The first of a series of laws about federal technology transfer.

Requires laboratories to take an active role in technical cooperation.

Established an office in each laboratory to coordinate and promote technology transfer.

## **Bayh-Dole Act of 1980 (P.L. 96-517)**

Small businesses, universities, and not-for-profit organizations allowed to obtain titles to inventions developed with federal funds.

Government laboratories permitted to grant exclusive patent licenses to commercial organizations.

## **Federal Technology Transfer Act of 1986 (P.L. 99-502)**

Enabled government laboratories to enter into Cooperative Research and Development Agreements (CRADAs) and to negotiate licensing arrangements for patented inventions

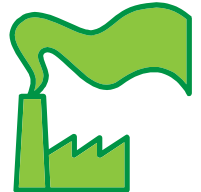
# Goal of Technology Transfer: Availability and Use

## Government

- Research/Invent
- Regulate
- Public benefit
- Consumer

## Industry

- Develop
- Manufacture
- Distribute
- Market
- Sell



# Federal Tech Transfer Organizations

- The Federal Laboratory Consortium for Technology Transfer (FLC)
  - <http://www.federallabs.org/>
  - 300-700 Federal Lab Technology Transfer Offices
  - Established by Statute 15 USC 3710(e)
  - Elected Executive Board
- 
- Interagency Workgroup for Technology Transfer
  - 11 Agencies
  - In OMB Circular A-11
  - Cross-agency Policy
  - Coordinated by DOC/NIST



# The Federal Laboratory Consortium

Federal Laboratory Consortium for Technology Transfer - Windows Internet Explorer

FLC http://www.federallabs.org/

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FLC Federal Laboratory Consortium for Technology Transfer

**FLC**  
FEDERAL LABORATORY CONSORTIUM  
FOR TECHNOLOGY TRANSFER

*advancing federal research and technology*

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**What is the FLC?**

The Federal Laboratory Consortium for Technology Transfer (FLC) is the nationwide network of federal laboratories that provides the forum to develop strategies and opportunities for linking laboratory mission technologies and expertise with the marketplace.

The FLC was organized in 1974 and formally chartered by the Federal Technology Transfer Act of 1986 to promote and strengthen technology transfer nationwide. Today, more than 250 federal laboratories and centers and their parent departments and agencies are FLC members.

[Learn more about the FLC](#)

**Technology Locator**

For industry and other technology seekers, the FLC Locator Network serves as a point of entry to federal laboratory expertise and technology. In meeting this need, the network also handles requests from other organizations working with the private sector.

[Learn more about the Technology Locator](#)

**FLC Regions**

To manage its technology transfer efforts, the FLC has divided the U.S. into six geographical regions, each run by a Regional Coordinator and a Deputy Regional Coordinator. To learn more about the individual regions and their laboratories, click on the region below.

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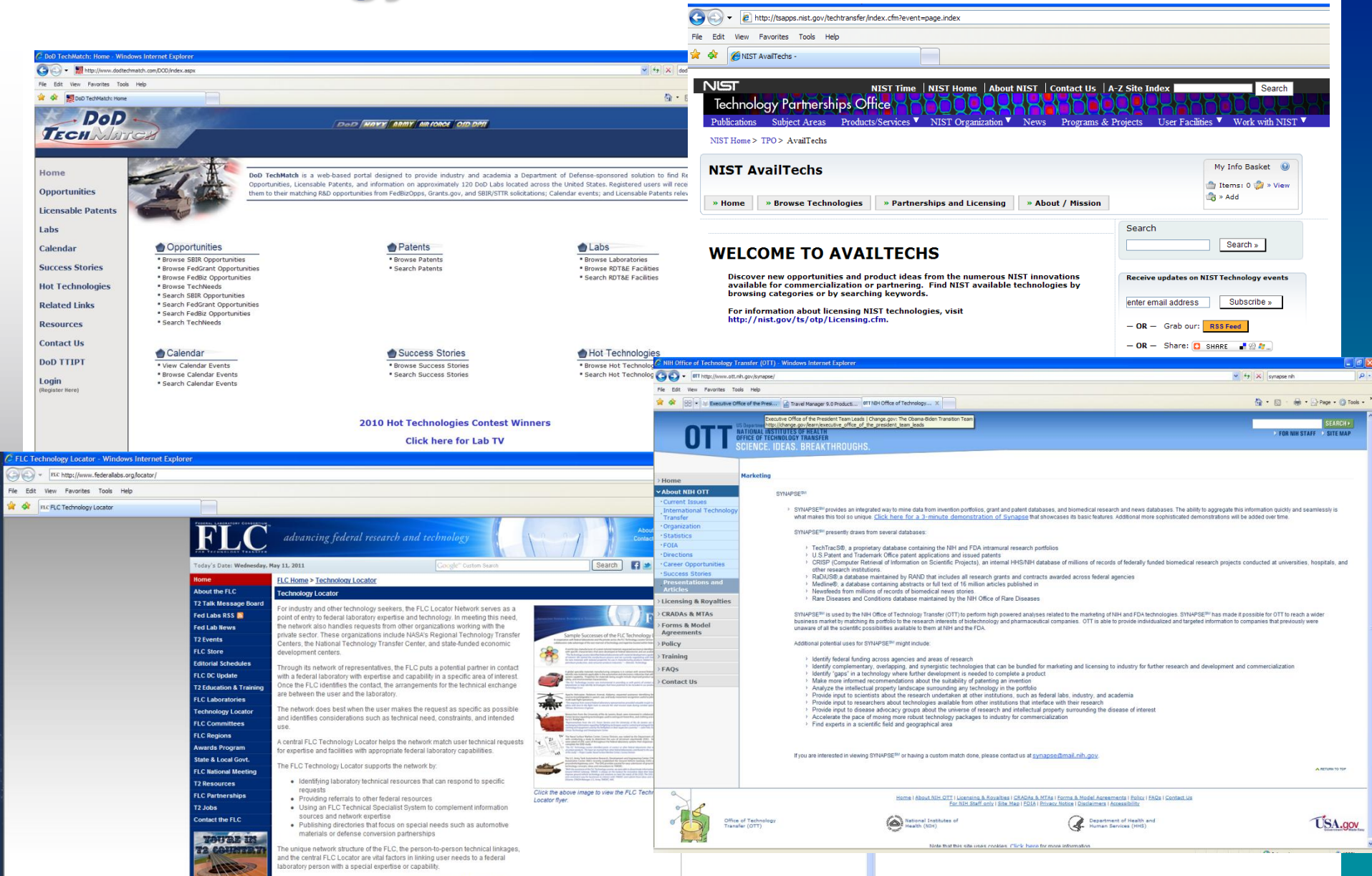
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# Technology Locator Tools



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